Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 13 Nov 2023 until 23:59 on Tuesday 14 Nov 2023

Forecast Issued on Sunday 12 Nov 2023 at 11:03

Confidence: High for overall unsettled weather story but medium for detail of track of the low pressure on Monday.

Headline for Monday 13 Nov 2023: Wet and very windy, improving into the evening.

Mountain weather hazards on Monday 13 Nov 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Cloudy
Precipitation probability							
30%	60%	80%	80%	70%	40%	40%	30%

Forecast for Monday 13 Nov 2023

Weather: Cloudy with some patchy light rain or drizzle during the early hours before a band of heavy rain arrives from the southwest later in the night. The rain will be accompanied by increasingly strong winds as it moves northeastwards through the day. Into the afternoon heavy rain will continue but with some drier interludes before clearing into the evening. Potential for a few outbreaks of mainly light rain through the evening but on the whole it will be drier with some clear spells and winds easing.

Chance of cloud-free hill tops above 600m: 30% improving to 60% during the evening.

Low Cloud and visibility: Scattered or broken cloud base 500-700m for much of the day, lifting and mostly clearing during the evening. Visibility moderate or poor in heavy rain, good outside of cloud in drier interludes.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Monday 13 Nov 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/15 S	13/20 SE	23/35 SE	23/35 S	38/57 SW	36/55 W	30/45 W	24/37 W	17/26 W
300	4/13 S	8/19 SE	16/36 SE	16/35 S	27/55 SW	24/50 W	21/42 W	17/36 W	11/24 W
Valley	6/11 SE	8/18 SE	16/37 SE	16/37 S	24/51 SW	22/46 W	17/36 W	13/29 W	9/20 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/1	5/1	5/-1	6/1	5/-1	5/-2	5/-2	5/-1	5/1
300	6/4	6/4	7/3	8/4	7/2	7/2	7/2	7/3	7/4
Valley	7/5	7/5	8/4	10/6	9/5	9/5	9/5	8/6	8/6
Freezing Level*	1500m	1400m	1900m	1600m	1600m	1400m	1400m	1400m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very strong winds, particularly at height, will hamper progress.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 12 Nov 2023	2mm	2.4mm	11mm

Forecast for Tuesday 14 Nov 2023

Weather: There will be a mix of scattered, and at times heavy, showers through the day on Tuesday and drier, brighter spells.

Maximum wind: Southwest 10-15mph, potentially gusting 25-30mph later in the evening.

Chance of cloud-free hill tops above 600m: 40-50%

Low Cloud and visibility: Scattered cloud base 500-700m in association with showers through the day. Visibility good out with showers, otherwise reducing to moderate.

Temperature:
Valleys: Plus 6 rising to plus 9 Celsius
At 600m: Plus 5 to 7 Celsius
Freezing level: Above summits

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.